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PATENT
PD-200126
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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicants: Yezdi Antia et al

Appl'n. No.: 09/670,124

Group: 2661

Filed: August 9, 2001

Examiner: Unassigned

For: "Uplink Power Control System For Satellite Communication System
Employing On-Board Satellite Processing and Fade Estimation"

INFORMATION DISCLOSURE STATEMENT

(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION)

Commissioner for Patents
Alexandria, VA 22313

May 19, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant hereby submits an Information
Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the
Office are listed on PTO-1449, attached hereto.

II. COPIES (check at least one box)

- a. X Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

- a. **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**
A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows
- b. X **DOCUMENTS IN THE ENGLISH LANGUAGE**
All of the patents, publications or other information are in the English language. No statement of relevancy is required.
- c. **ENGLISH LANGUAGE SEARCH REPORT**
An English language version of the search report or action which indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).
- d. **OTHER**
The following additional information is provided for the Examiner's consideration.

IV. FEES

X THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b):
(check one box)

- a. within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required.
- b. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- c. X before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

- a. No statement; therefore, a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).
- or
- b. See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. X each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.


VII. PAYMENT OF FEES (check one box)

- A check in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- Please charge Deposit Account No. 50-0383 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- X No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-0383

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-0383 for any additional fees required under 37 CFR §1.16 or under §1.17; particularly, extension of time fees.

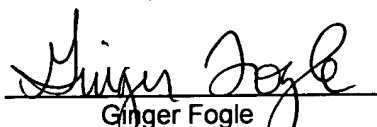
Respectfully submitted,

By:  5-19-04
Craig Plastrik
Reg. No. 41,254

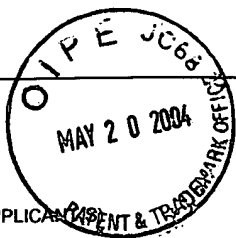
Hughes Electronics Corp.
P.O. Box 956
Bldg. 001, M/S A109
El Segundo, CA 90245-0956
(301) 428-7172

Enclosures: X PTO-1449
 X References
 X International Search Report
 — Fee
 — Other:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313 on May 19, 2004.


Ginger Fogle

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY DOCKET NO. PD- 200126	APPLICATION NO. 09/670,124
	APPLICANTS Yezdi Antia, et al	
	FILING DATE June 6, 2001	GROUP 2661
DATE SUBMITTED TO PTO: May 19, 2004		



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,926,458	7-20-1999	Yin			

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EXAMINER

DATE CONSIDERED

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ABS
EP 0 886 403 A1	20-06-1997	Europe			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	Inder S. Gopal, Maurizio A. Bonuccelli, and C.K. Wong, XP-002275841, IEEE Transactions on Communications, Vol. Com-31, No. 8, August 1983, "Scheduling In Multibeam Satellites With Interfering Zones", pages 941-951.
	Yen F. Wong, and James L. Rash, NASA Goddard Space Flight center, Greenbelt, Maryland, "A Method for Interference Mitigation In Space Communications Scheduling", pages 431-435.
	David J. Goldstein and David S. Eccles, The Aerospace Corporation, Modeling and Simulation Department, Los Angeles, CA, "GRS: A Dynamic GBS Downlink Beam Scheduling Tool", pages 3 - 13.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.